UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

## NOTICE OF ALLOWANCE AND FEE(S) DUE

22907

7590

01/14/2005

BANNER & WITCOFF 1001 G STREET N W SUITE 1100 WASHINGTON, DC 20001

EXAM	EXAMINER			
ELKINS,	XAMINER LINS, GARY E PAPER NUMBER			
ART UNIT	PAPER NUMBER			

3727 DATE MAILED: 01/14/2005

 APPLICATION NO.
 FILING DATE
 FIRST NAMED INVENTOR
 ATTORNEY DOCKET NO.
 CONFIRMATION NO.

 10/628,571
 07/29/2003
 Stephen E. Moorman
 000242.00161
 4081

TITLE OF INVENTION: MINOR-END LOADING CARTON

	APPLN. TYPE	APPLN. TYPE SMALL ENTITY		PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
Ξ	nonprovisional	NO	\$1400	\$300	\$1700	04/14/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

maintenance fee notification			specifying	Note: A certificate of	mailing can only be used fo	r domestic mailings of the
				Fee(s) Transmittal. Th	is certificate cannot be used for all paper, such as an assignment of mailing or transmission.	or any other accompanying
	590 01/14/2005			have its own certificate	e of mailing or transmission.	
BANNER & WI' 1001 G STREET N SUITE 1100 WASHINGTON, I	I W			Cer I hereby certify that the States Postal Service v addressed to the Mai transmitted to the USP	rtificate of Mailing or Transi nis Fee(s) Transmittal is being with sufficient postage for firs I Stop ISSUE FEE address TO (703) 746-4000, on the da	mission deposited with the United t class mail in an envelope above, or being facsimile ate indicated below.
WASHINGTON, I	JC 20001					(Depositor's name)
•						(Signature)
					, ,	(Date)
APPLICATION NO.	FILING DATE	I	FIRST NAME	D INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/628,571	07/29/2003		Stephen E	. Moorman	000242.00161	4081
TITLE OF INVENTION: M	IINOR-END LOADING CA	ARTON				
APPLN, TYPE	SMALL ENTITY	ISSUE FE	EE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	ИО	\$1400		\$300	\$1700	04/14/2005
EXAM	IINER	ART UN	IT	CLASS-SUBCLASS	]	
ELKINS,	GARY E	3727		229-122000		
1. Change of correspondenc	e address or indication of "Fe	ee Address" (37	2. For pri	nting on the patent front page, li	st	
CFR 1.363).  Change of correspond	lence address (or Change of	Correspondence	(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,			
Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer			(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is 3			
Number is required.	,		listed, no	name will be printed.		
	RESIDENCE DATA TO B					
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion	elow, no assignee of of this form is NOT	data will app a substitute	pear on the patent. If an assign for filing an assignment.	nee is identified below, the do	ocument has been filed for
(A) NAME OF ASSIGN	EE	(B	) RESIDEN	CE: (CITY and STATE OR CO	UNTRY)	
Please check the appropriate	assignee category or catego	ries (will not be pri	nted on the p	oatent): 🚨 Individual 🚨 Co	orporation or other private gro	oup entity Government
4a. The following fee(s) are	enclosed:		Payment of	**		
Issue Fee	•		A check in the amount of the fee(s) is enclosed.			
	mail entity discount permitte		☐ Payment by credit card. Form PTO-2038 is attached. ☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to			
Advance Order - # of	Copies		Deposit Acc	ector is hereby authorized by count Number	harge the required fee(s), or continuous continuous continuous continuous an extra continuous conti	credit any overpayment, to oppy of this form).
_ ` .	(from status indicated above	•				-
	MALL ENTITY status. See			cant is no longer claiming SMA		
The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the reco	is requested to apply the Issu ublication Fee (if required) vords of the United States Pate	ue Fee and Publicat will not be accepted ent and Trademark	ion Fee (if and in From anyon Office.	ny) or to re-apply any previousl e other than the applicant; a regi	y paid issue fee to the applica istered attorney or agent; or th	tion identified above. e assignee or other party in
Authorized Signature				Date		
Typed or printed name						
Box 1450, Alexandria, Virg Alexandria, Virginia 22313-	inia 22313-1450. DO NOT : 1450.	SEND FEES OR C	OMPLETE	to obtain or retain a benefit by the lection is estimated to take 12 pon the individual case. Any contain Officer, U.S. Patent and D FORMS TO THIS ADDRESS.	S. SEND TO: Commissioner i	for Patents, P.O. Box 1450,



#### UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO	O. F1	LING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/628,571		07/29/2003	Stephen E. Moorman	000242.00161	4081	
22907	7590	01/14/2005		EXAM	EXAMINER	
BANNER &		7	ELKINS,	ELKINS, GARY E		
1001 G STRE SUITE 1100	EINW			ART UNIT	PAPER NUMBER	
WASHINGT	ON, DC 200	01		3727		
			DATE MAILED: 01/14/200	DATE MAILED: 01/14/2005		

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.